| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|---------|------------------|
| S1 | 16 | ((ERCAN) near2 (GIGI)).INV. | US-PGPUB; USPAT | OR | ON | 2006/11/09 13:44 |
| S2 | 16 | ((ERCAN) near2 (GIGI)):INV. | EPO; JPO; DERWENT | OR | ON | 2006/11/09 13:46 |
| S3 | 6 | ((ERCAN) near2 (GIGI)).INV. | USPAT; USOCR | OR | ON | 2006/11/09 13:53 |
| S4 | 16 | ((ERCAN) near2 (GIGI)).INV. | EPO; JPO; DERWENT | OR | ON | 2006/11/09 13:53 |
| S5 | 238 | (375/245).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/09 14:19 |
| S6 | 5 | (substract\$3 or withdraw\$3) near5 (quantization near5 noise) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; JBM_TDB | OR | ON | 2006/11/13 06:36 |
| S7 | 13 | (substract\$3 or withdraw\$3) same (quantization near5 noise) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 14:31 |
| S8 | 8368 | (substract\$3 or withdraw\$3 or suppress\$3 or eliminat\$3) and (quantization near5 (noise or error)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 14:47 |
| S9 | 2111 | (substract\$3 or withdraw\$3 or suppress\$3 or eliminat\$3) same (quantization near5 (noise or error)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 14:33 |
| S10 | 25 | S5 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 14:33 |

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|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|------|------------------|
| S11 | 58 | S5 and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 15:06 |
| S12 | 2 | ep-1033817-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 15:09 |
| S13 | 2 | ("4151469").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/09 15:10 |
| S14 | 97531 | window and frame and signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 15:17 |
| S15 | 4 | (substract\$3) near5 (quantization near noise) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 06:39 |
| S16 | 65 | (quantization near (noise near5 (reduc\$3 or subtract\$3))) near (device or unit or apparatus or system) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 07:42 |
| S17 | 10 | ("4812846" "4937576" "4968987" "5073777" "5204677" "5252973" "5388081" "5493296" "5563913" "5634082").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/13 07:42 |
| S18 | 140 | (quantization near ((noise or error) near5 (reduc\$3 or subtract\$3))) near (device or unit or apparatus or system) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2006/11/13 16:18 |

| S19 | 12 | (minimum near (quantization near level)) and (maximum near (quantization near level)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 10:28 |
|-----|--------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|
| S20 | 889840 | (window\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 12:03 |
| S21 | 6 | S18 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 12:17 |
| S22 | 353 | (375/243).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/13 12:30 |
| S23 | 18 | S20 and S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 12:18 |
| S24 | . 4 | S18 and S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 12:20 |
| S25 | 1018 | (375/243 or 375/245 or 375/254). ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 12:33 |
| S26 | | S20 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 12:37 |

| | | (1)0 0000106776 1 | LIC DOS! | 00 | | 2006/44/42 42 43 |
|-----|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|------|------------------|
| S27 | 44 | (US-20020186776-\$ or US-20020141504-\$).did. or (US-6647064-\$ or US-6137809-\$ or US-5734679-\$ or US-5107519-\$ or | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/13 12:41 |
| | | US-5136615-\$ or US-5070515-\$ or US-4857928-\$ or US-4726037-\$ or US-4519085-\$ or US-4470146-\$ or US-4513426-\$ or US-3781685-\$ or US-3781686-\$ or US-3781685-\$ or US-5086475-\$ or US-4686509-\$ or US-5103229-\$ or US-4692737-\$ or US-4433311-\$ or US-5511095-\$ or US-5602874-\$ or US-5636295-\$ or US-5774842-\$ or US-5949908-\$ or US-6016327-\$ or US-5493296-\$). did. or (US-5204677-\$ or US-5073778-\$ or US-4351062-\$ or | | | | |
| | | US-4672361-\$ or US-4677627-\$). did. or (WO-9918681-\$).did. or (JP-08205178-\$ or JP-10051316-\$ or JP-2000022549-\$ or JP-02124622-\$ or JP-04188914-\$ or JP-05206852-\$).did. or (JP-59039135-\$ or EP-369630-\$ or EP-658875-\$ or JP-09200057-\$). did. | | | | |
| S28 | 993 | ("signal-to-noise ratio" or "s/n") and filter and (real near part) and (imaginary near part) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:24 |
| S29 | 1 | S27 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON - | 2006/11/13 12:45 |
| S30 | . 2 | S28 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/11/13 12:45 |
| S31 | 12829 | ("signal-to-noise ratio" or "s/n") same filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2006/11/13 12:53 |

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|-----|-------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S32 | 5 | S31 and S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 12:46 |
| S33 | 10770 | ("signal-to-noise ratio" or "s/n") and filter and window\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 15:03 |
| S34 | . 7 | S33 and (S27 or S25) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 12:54 |
| S35 | 60 | ("signal-to-noise ratio" or "s/n") with (filter near5 (multipl\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 15:25 |
| S36 | 0 | S27 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 15:04 |
| S37 | 11666 | ("signal-to-noise ratio" or "s/n") and (filter same (multipl\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:11 |
| S38 | 43 | S37 and (S25 or S27) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:11 |
| S39 | 480 | (comput\$3 or estimat\$3 or determin\$3 or calculat\$3) with ("signal-to-noise ratio" or "s/n") with (filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:16 |

| S40 | 3 | S39 and (S25 or S27) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | OR | ON | 2006/11/13 16:18 |
|-----|-----|--------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S41 | 2 | (quantization near ((noise or error) near5 (reduc\$3 or subtract\$3))) and S39 | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:19 |
| S42 | 2 | (quantization near ((noise or error) same (reduc\$3 or subtract\$3))) and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:19 |
| S43 | 2 | (quantization near ((noise or error) and (reduc\$3 or subtract\$3))) and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:20 |
| S44 | 309 | (noise or error) same (reduc\$3 or subtract\$3) and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:35 |
| S45 | 0 | S25 and S27 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:22 |
| S46 | 0 | S27 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:22 |
| S47 | 3 | S25 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:24 |

| S48 | 1304 | (("signal-to-noise ratio" or "s/n") near5 (device or unit or apparatus or system)) same (filter) and (noise or error) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:25 |
|-----|-------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|----|------------------|
| S49 | 1304 | ((("signal-to-noise ratio" or "s/n") near5 (device or unit or apparatus or system)) same (filter)) and (noise or error) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:12 |
| S50 | . 6 | S49 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:26 |
| S51 | 55878 | (noise or error) same (reduc\$3 or subtract\$3) same (filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:36 |
| S52 | 164 | S51 and (S25 or S27) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:36 |
| S53 | 1018 | (375/243 or 375/245 or 375/254). ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/11/14 09:19 |

| S54 | 44 | (US-20020186776-\$ or US-20020141504-\$).did. or (US-6647064-\$ or US-6137809-\$ or US-5734679-\$ or US-5107519-\$ or US-5136615-\$ or US-4726037-\$ or US-4519085-\$ or US-4470146-\$ or US-4513426-\$ or US-4411001-\$ or US-3781686-\$ or US-3781685-\$ or US-5086475-\$ or US-4686509-\$ or US-5103229-\$ or US-4692737-\$ or US-5103229-\$ or US-5636295-\$ or US-5774842-\$ or US-5949908-\$ or US-5774842-\$ or US-594926-\$). did. or (US-5204677-\$ or US-5073778-\$ or US-4677627-\$). did. or (WO-9918681-\$).did. or (JP-08205178-\$ or JP-10051316-\$ or JP-02124622-\$ or JP-04188914-\$ or JP-05206852-\$).did. or (JP-59039135-\$ or EP-369630-\$ or EP-658875-\$ or JP-09200057-\$). did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/14 09:05 |
|-----|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S55 | 55920 | (noise or error) same (reduc\$3 or subtract\$3) same (filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:05 |
| S56 | . 10 | S53 and S54 and S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:05 |
| S57 | 1304 | ((("signal-to-noise ratio" or "s/n") near5 (device or unit or apparatus or system)) same (filter)) and (noise or error) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:12 |
| S58 | 1 | S57 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:15 |

| S59 | 291 | ((comput\$3 or estimat\$3 or determin\$3 or calculat\$3) near5 ("signal-to-noise ratio" or "s/n")) with (filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:18 |
|------|------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S60 | 0 | S59 and S53 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:17 |
| S61 | 2 | S59 and (S53 or S54) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:17 |
| `S62 | 235 | ((comput\$3 or estimat\$3 or determin\$3 or calculat\$3) near5 (filter)) with ("signal-to-noise ratio" or "s/n") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:20 |
| S63 | 2 | S59 and (S53 or S54) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:18 |
| S64 | 2184 | (375/243 or 375/245 or 375/254 or 375/242).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:19 |
| S65 | 2 | S62 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/14 09:20 |